

## PATENT COOPERATION TREATY

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**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**  
**(PCT Article 36 and Rule 70)**

Applicant's or agent's file reference	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416)	
International application No. PCT/EP 03/13646	International filing date (day/month/year) 01.12.2003	Priority date (day/month/year) 19.12.2002
International Patent Classification (IPC) or both national classification and IPC D06L1/02		
Applicant UNILEVER N.V.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
  
2. This REPORT consists of a total of 4 sheets, including this cover sheet.
 

This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.
  
3. This report contains indications relating to the following items:
  - I  Basis of the opinion
  - II  Priority
  - III  Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
  - IV  Lack of unity of invention
  - V  Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
  - VI  Certain documents cited
  - VII  Certain defects in the international application
  - VIII  Certain observations on the international application

Date of submission of the demand  23.04.2004	Date of completion of this report  17.03.2005
Name and mailing address of the international preliminary examining authority:   European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016	Authorized Officer  Fiocco, M Telephone No. +31 70 340-4538



**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

International application No. PCT/EP 03/13646

**I. Basis of the report**

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)*):

**Description, Pages**

1-37 as originally filed

**Claims, Numbers**

1-10 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- the description, pages:
- the claims, Nos.:
- the drawings, sheets:

5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).

*(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)*

6. Additional observations, if necessary:

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT**

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**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;  
citations and explanations supporting such statement**

**1. Statement**

Novelty (N)	Yes: Claims	1-10
	No: Claims	
Inventive step (IS)	Yes: Claims	1-10
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-10
	No: Claims	

**2. Citations and explanations**

**see separate sheet**

**INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/EP 03/13646

**Re Item V**

**Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

- 1 Reference is made to the following document:

D1: WO 02/46517 A (GEN ELECTRIC) 13 June 2002 (2002-06-13)

- 2 **INDEPENDENT CLAIM 1**

Document D1, which is considered to represent the most relevant state of the art, discloses (cf. example 2) a dry cleaning process from which the subject-matter of claim 1 differs at least in that the amount of surfactant is less than 0.9 wt.%.

The subject-matter of claim 1 is therefore new (Article 33(2) PCT).

The problem to be solved by the present invention may be regarded as to reduce the colour damage in a dry cleaning process.

The solution to this problem proposed in claim 1 of the present application is considered as involving an inventive step (Article 33(3) PCT) for the following reasons: none of the cited documents suggests that a reduced colour damage can be obtained in a dry cleaning process if the amount of anionic surfactant is kept below 0.9 wt.%.

- 3 **DEPENDENT CLAIMS 2-10**

Claims 2-10 are dependent on claim 1 and as such also meet the requirements of the PCT with respect to novelty and inventive step.

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/EP 03/13646

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 D06L1/02 D06L1/22		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 D06L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/46517 A (GEN ELECTRIC) 13 June 2002 (2002-06-13) cited in the application page 2, line 11 – line 24 page 6, line 3 – line 10 page 10, line 9 – line 26 example 2 table 8 -----	1-3,8-10
Y	US 3 689 211 A (GIAMPALMI JOHN J JR ET AL) 5 September 1972 (1972-09-05) column 2, line 32 – line 64 example 1 -----	4-7
Y	WO 00/36206 A (3M INNOVATIVE PROPERTIES CO) 22 June 2000 (2000-06-22) cited in the application page 1, line 26 – page 3, line 18 -----	4-7
	-/--	
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
* Special categories of cited documents :		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the International filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the International filing date but later than the priority date claimed		
Date of the actual completion of the International search  <b>31 March 2004</b>		Date of mailing of the International search report  <b>08/04/2004</b>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax. (+31-70) 340-3016		Authorized officer  <b>Fiocco, M</b>

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/13646

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/50366 A (GEN ELECTRIC) 27 June 2002 (2002-06-27) page 2, line 12 – page 3, line 3 page 5, line 20 – page 6, line 2 page 7, line 1 – line 8 page 10, line 19 – page 11, line 14 tables 1,3	1-3,8-10
X	DE 37 39 711 A (KREUSSLER CHEM FAB) 8 June 1989 (1989-06-08) page 1, line 54 – line 57 example 2	1,3,8-10
A	WO 02/053824 A (UNILEVER PLC ;LEVER HINDUSTAN LTD (IN); UNILEVER NV (NL)) 11 July 2002 (2002-07-11) page 2, line 10 – line 25 page 5, line 18 – line 30 example 1	1-10

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP 03/13646

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0246517	A	13-06-2002	US	2002115582 A1		22-08-2002
			AU	8689401 A		18-06-2002
			EP	1341956 A1		10-09-2003
			WO	0246517 A1		13-06-2002
US 3689211	A	05-09-1972	BE	749533 A1		26-10-1970
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			FR	2039440 A5		15-01-1971
			GB	1307318 A		21-02-1973
			NL	7005922 A		27-10-1970
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			AU	3569799 A		03-07-2000
			EP	1141468 A1		10-10-2001
			JP	2002532638 T		02-10-2002
			WO	0036206 A1		22-06-2000
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			AU	8529901 A		01-07-2002
			EP	1346100 A1		24-09-2003
			WO	0250366 A1		27-06-2002
			US	2003074742 A1		24-04-2003
DE 3739711	A	08-06-1989	DE	3739711 A1		08-06-1989
WO 02053824	A	11-07-2002	WO	02053824 A1		11-07-2002
			US	2002142932 A1		03-10-2002